

## CV – Jens Clausen

<b>Nationality</b>	Danish
<b>Year of birth</b>	1974
<b>Degrees</b>	Cand. scient./oecon.
<b>Position</b>	Statistician
<b>Start</b>	2012

### Resume

Statistical analyses, mathematical modelling, learning and forecasting processes. Data processing, especially development, maintenance and quality assurance of population databases. Development and implementation of tools for data access and analysis. Modelling regional and local economy.

### Education and training

Cand. scient./oecon. Århus Universitet 2004  
Various Phd and graduate courses, examples:

- Advanced Topics in Machine Learning (by Yevgeny Seldin and Christian Igel, Copenhagen University, 2019)
- Machine Learning (by Yevgeny Seldin and Christian Igel, Copenhagen University, 2018)
- Computational Statistics (by Niels Richard Hansen, Copenhagen University, 2018)
- Structural Equation Models (by Karl Bang Christensen and Esben Budtz-Jørgensen, Copenhagen University, 2018)
- Modern Topics in Statistics (by Jimmy R. Olsson, Copenhagen University, 2018)
- Discrete Choice (by Therese Graversen, Copenhagen University, 2017)
- Dynamic Programming (by Jerome Adda, University College of London, 2009)
- Structural Estimation of Dynamic Models (by Rasmus Lentz and Dale Rasmussen, University of Wisconsin, 2007)
- Bayesian Econometrics (by Anthony Lancaster, Brown University, 2006)
- Graphical Models (by Søren Tolver Jensen, Copenhagen University, 2005)
- Discrete Choice with Simulation (by Mogens Fosgerau, Copenhagen University, 2004)

### Major projects

- |             |   |
|-------------|---|
| 2019        | • Skilled labor in rural areas: Location and mobility   |
| 2019        | • Erhvervsmæssige styrkeområder – Kortlægning af erhvervsstyrker i dansk erhvervsliv                          |
| 2017 –      | • Welfare model, phase 3: Modeling demand for health care personnel for production of public goods            |
| 2017 – 2018 | • Household Debt and Savings (predictability of fluctuations)   |
| 2016 – 2017 | • Welfare model, phase 2: Modeling individual consumption of public goods (education, health care, home care) |
| 2015 – 2017 | • Danish Harbors (measuring and forecasting activity and employment)  |
| 2014 – 2015 | • Danish Migration Patterns (modelling, prediction)   |

2010 –	• Designing, updating and maintaining population databases
2012 – 2013	• Access module for confidential data (SAS/Excel/VB)
2010 – 2011	• Presentation module for population data (SAS/Excel/VB)
2009	• Arbejdsmarkedets udkant, bevægelser ind og ud af det ordinære arbejdsmarked [The fringe of the labour market, transitions in and out of the ordinary labour market]
2008	• Does economic incentives affect immigrants' employment?
2007	• EUD – også for de stærke [Vocational training – also for the gifted]
2006	• Immigrants' economic incentives to find unemployment
2001 – 2006	• Update and maintenance of population database
2005	• Voksen-, efter- og videreuddannelse på individniveau
2004 – 2005	• Progressionen i danskundervisningen på sprogcentre [Progression in Danish Language schools]
2004	• DREAM nøgletal [DREAM key figures]

### Previous positions

2010 – 2012	Independent consultant
2004 – 2010	Research assistant <i>AKF, Anvendt Kommunal Forskning</i>
2000 – 2004	Student researcher <i>AKF, Amternes og Kommunernes forskningsinstitut</i>

### Publications (Danish only)

Reports and chapters in reports	<ul style="list-style-type: none"> <li>• Larsen K, Hedetoft A, Clausen J, Lindahl J (2019) Landdistrikternes adgang til faglært arbejdskraft</li> <li>• Madsen B, Clausen J (2017) Arbejdsmarkedet for social- og sundhedsuddannelser i Region Hovedstaden – nu og i fremtiden</li> <li>• Madsen B, Zhang J, Lange M, Schmidt T D, Clausen J, Jensen C (2017) Oplandsanalyse for Danske Havne</li> <li>• Madsen B, Stefaniak I, Clausen J, Bentsen O (2016) En begivenhedsbaseret befolkningsanalyse for danske kommuner og byer, 2007-2030</li> <li>• Madsen B, Stefaniak I, Clausen J (2013) De ledige inden for bygge- og anlægssektoren</li> <li>• Madsen B, Stefaniak I, Clausen J (2013) Infrastrukturinvesteringer i Danmark - betydning for beskæftigelse og arbejdskraftbehov</li> <li>• Clausen J (2009) 'Arbejdsmarkedets udkant: Bevægelser ind og ud af det ordinære arbejdsmarked'. AKF working paper 2009, AKF.</li> <li>• Clausen J, Heinesen E, Hummelgaard H, Husted L, Rosholm M (2009) 'The effect of active labor market policy and language courses on employment of newly arrived immigrants: Evidence from Denmark'. <i>Labor Economics</i>, vol 16(4):409-417.</li> <li>• Clausen J, Hummelgaard H (2008) 'Young immigrants in Denmark – from vocational education to employment', AKF working paper 2008.</li> <li>• Clausen J, Larson A, Rosholm M, Skipper L (2006) 'Effekten og oplevet udbytte af deltagelse i voksen efter- og videreuddannelse på individniveau'. AKF forlaget.</li> <li>• Clausen J, Heinesen E, Hussain M (2006) 'De nye kommuners rammevilkår for beskæftigelsesindsatsen', Socialforskningsinstituttet 06:15.</li> <li>• Clausen J, Husted L (2005) 'Progressionen i danskundervisningen på sprogcentre 2000-2003'. AKF forlaget.</li> </ul>
examples	
Presentations and articles	<ul style="list-style-type: none"> <li>• Clausen J, Hummelgaard H (2009) 'En dansk uddannelse er ingen garanti for job'. <i>Samfundøkonomen</i> 2009(1):40-43.</li> <li>• 'The effect of active immigration policies on the time until regular employment of newly arrived immigrants: Evidence from Denmark' at European Society for Population Economics 2008, University College London</li> <li>• 'Er en dansk uddannelse vejen til job' at Academy of Migration Studies in</li> </ul>
(examples)	

Denmark 2006.

Thesis

- Clausen J (2004) 'Two-Step Estimation of Sample Selection Models'. Århus University.